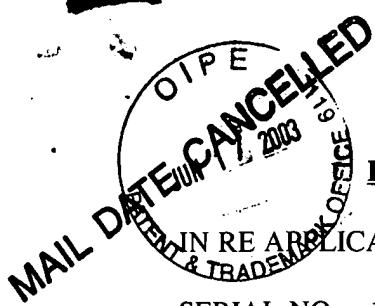


06-18-03

Express Mail No. EU497709224US  
Attorney Docket No.: AM-2602.C1

1756 \$



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Jeng H. Hwang et al.

SERIAL NO.: 10/057,674

FILED: January 24, 2002

FOR: MASKING METHODS AND ETCHING  
SEQUENCES FOR PATTERNING ELECTRODES  
OF HIGH DENSITY RAM CAPACITORS

§ GROUP ART UNIT: 1756

§ EXAMINER: N. Barreca

§ Attorney Docket No.:  
§ AM-2602.C1

Date: June 18, 2003

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JUN 23 2003  
TC 1700

**AMENDMENT "B" UNDER 37 CFR § 1.111  
TRANSMITTAL LETTER**

**Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

Sir:

Transmitted herewith is applicants' Amendment "B" in response to the Office Action mailed March 14, 2003, having a shortened statutory period for response of June 16, 2003. This Amendment "B" is accompanied by a Petition for a One Month Extension of Time, to extend the time period for response through July 14, 2003.

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**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. EU497709224US in an envelope addressed to: Mail Stop Amendment (With Fee), Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: June 18, 2003

  
Shirley L. Church, Reg. No. 31,858

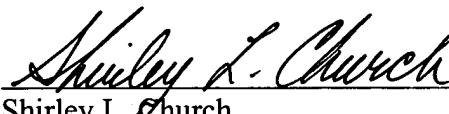
## CLAIMS AS AMENDED

	<u>CLAIMS REMAINING AFTER AMENDMENT</u>		<u>HIGHEST NO. PREVIOUSLY PAID FOR</u>		<u>PRESENT <u>EXTRA</u></u>		<u>RATE</u>	<u>ADDITIONAL FEE</u>
TOTAL CLAIMS	28	minus	28	=	0	x	\$18.00	\$00.00
INDEPENDENT CLAIMS	5	minus	5	=	0	x	\$84.00	\$00.00
MULTIPLE DEPENDENT CLAIMS ONE MONTH EXTENSION OF TIME			0				\$280.00	\$00.00
								\$110.00
							TOTAL FEE DUE	\$110.00

Enclosed is Check No. 2077 in the amount of \$ 110.00, in payment of the fee for the One Month Extension of Time. The Commissioner is hereby authorized to charge any additional fee which may be due in connection with the filing of this Amendment "B", or to credit any overpayment, to Deposit Account No. 50-1512 of Shirley L. Church, Sunnyvale, California.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully submitted,

  
Shirley L. Church  
 Shirley L. Church  
 Registration No. 31,858  
 Attorney for Applicants

Correspondence Address:  
 Patent Counsel  
 Applied Materials, Inc.  
 P.O. Box 450-A  
 Santa Clara, California 95052



U.S. Express Mail No. EU497709224US  
Attorney Docket No.: AM-2602.C1

6/16/03  
#6/Amend B

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Jeng H. Hwang et al.

SERIAL NO.: 10/057,674

FILED: January 24, 2002

FOR: MASKING METHODS AND ETCHING  
SEQUENCES FOR PATTERNING ELECTRODES  
OF HIGH DENSITY RAM CAPACITORS

§ GROUP ART UNIT: 1756

§ EXAMINER: N. Barreca

§ Attorney Docket No.:  
§ AM-2602.C1

Date: June 18, 2003

**AMENDMENT "B"  
UNDER 37 CFR § 1.111**

**Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

Sir:

This Amendment "B" is in response to the Office Action mailed March 14, 2003, having a shortened statutory period for response of June 16, 2003. This Amendment "B" is accompanied by a Petition for a One Month Extension of Time, to extend the time period for response through July 14, 2003.

Claims 1 - 28 are pending in the application.

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

I hereby certify that this paper and any documents said to accompany this paper are being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. EU497709224US in an envelope addressed to: Mail Stop Amendment (With Fee), Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: June 18, 2003

*Shirley L. Church*  
Shirley L. Church, Reg. No. 31,858

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Claim 18 is objected to under 37 CFR § 1.75.

Claims 1, 10, 11, 13 - 16, 22, 23, 26, and 27 are rejected under 35 USC § 102(e) as being anticipated by U.S. Patent No. 6,143,476, to Ye et al.

Claims 12 and 17 are rejected under 35 USC § 103(a) as being unpatentable over Ye et al.

Claims 2 - 5 are rejected under 35 USC § 103(a) as being unpatentable over Ye et al., as applied to Claim 1, and further in view of U.S. Patent No. 6,046,113, to Hong et al.

Claim 19 is rejected under 35 USC § 103(a) as being unpatentable over Ye et al., in view of U.S. Patent No. 4,456,675, to Anderson, Jr. et al. and U.S. Patent No. 5,948,570, to Kornblit et al.

Claims 6, 9, 18, and 25 are rejected under 35 USC § 103(a) as being unpatentable over Ye et al., as applied to Claim 1 or 22, and further in view of U.S. Patent No. 5,591,671, to Kim et al.

Claims 7 and 8 are rejected under 35 USC § 103(a) as being unpatentable over Ye et al., in view of Hong et al., as applied to Claims 2 or 4, and further in view of Kim et al.

Claim 21 is rejected under 35 USC § 103(a) as being unpatentable over Ye et al., in view of Anderson, Jr. et al. and Kornblit et al., as applied to Claim 19, and further in view of Kim et al.

Claim 20 is rejected under 35 USC § 103(a) as being unpatentable over Ye et al., in view of Anderson, Jr. et al. and Kornblit et al., as applied to Claim 19, and further in view of U.S. Patent No. 5,613,296, to Kurino et al.

Claim 28 is rejected under 35 USC § 103(a) as being unpatentable over Ye et al., as applied to Claim 22, and further in view of Kurino et al.

Claim 24 is rejected under 35 USC § 103(a) as being unpatentable over Ye et al., as applied to Claim 22, and further in view of U.S. Patent No. 4,544,602, to Kobayashi et al.

Please amend the application as follows.